

Work Order ID 71424

Monday, July 04, 2011 10:46:46 AM



Page 1

Item ID: D3628-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Cupped Washer

Start Date: 7/5/2011 Start Qty: 500.00



Cust Item ID:

Required Date: 7/19/2011 Req'd Qty: 500.00



Customer:

Reference:

Approvals:

Process Plan: MF

Date: 11-07-04

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3628

Rev B

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 14414

Email or Ship DXF file to vendor

Laser Cut D3628-1 flat pattern and form as per Dwg D3628

Possible Supplier: GFI

Material release note is required

CZ 11/07/04 500

110

0.00



Receive & Inspect for Damage & Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure material certification is attached

P 11/17/25 (500)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 71424

Monday, July 04, 2011 10:46:46 AM



Page 2

Item ID: D3628-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Cupped Washer

Start Date: 7/5/2011 Start Qty: 500.00



Cust Item ID:

Required Date: 7/19/2011 Req'd Qty: 500.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

11/7/26 11 07 26 500

130

Identify as per dwg & Stock Location: 72

0.00



Packaging

Memo

0.00

Packaging

11/7/26 11/7/26 500x

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/7/26 11/7/26 500

11-07-26 500

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, July 04, 2011 10:46:44 AM

Page 1

Work Order ID: 71424



Parent Item: D3628-1



Parent Item Name: Cupped Washer



Start Date: 7/5/2011

Required Date: 7/19/2011

Start Qty: 500.00

Required Qty: 500.00

Comments: IPP Rev:A New Issue 07-05-28 JLM
IPP Rev:B Removed Powder 07-07-11 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3628-1P  CUPPED WASHER		Purchased	No			110	Each	0.0000	1 	500		<i>P 7/19/25</i> (500)	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

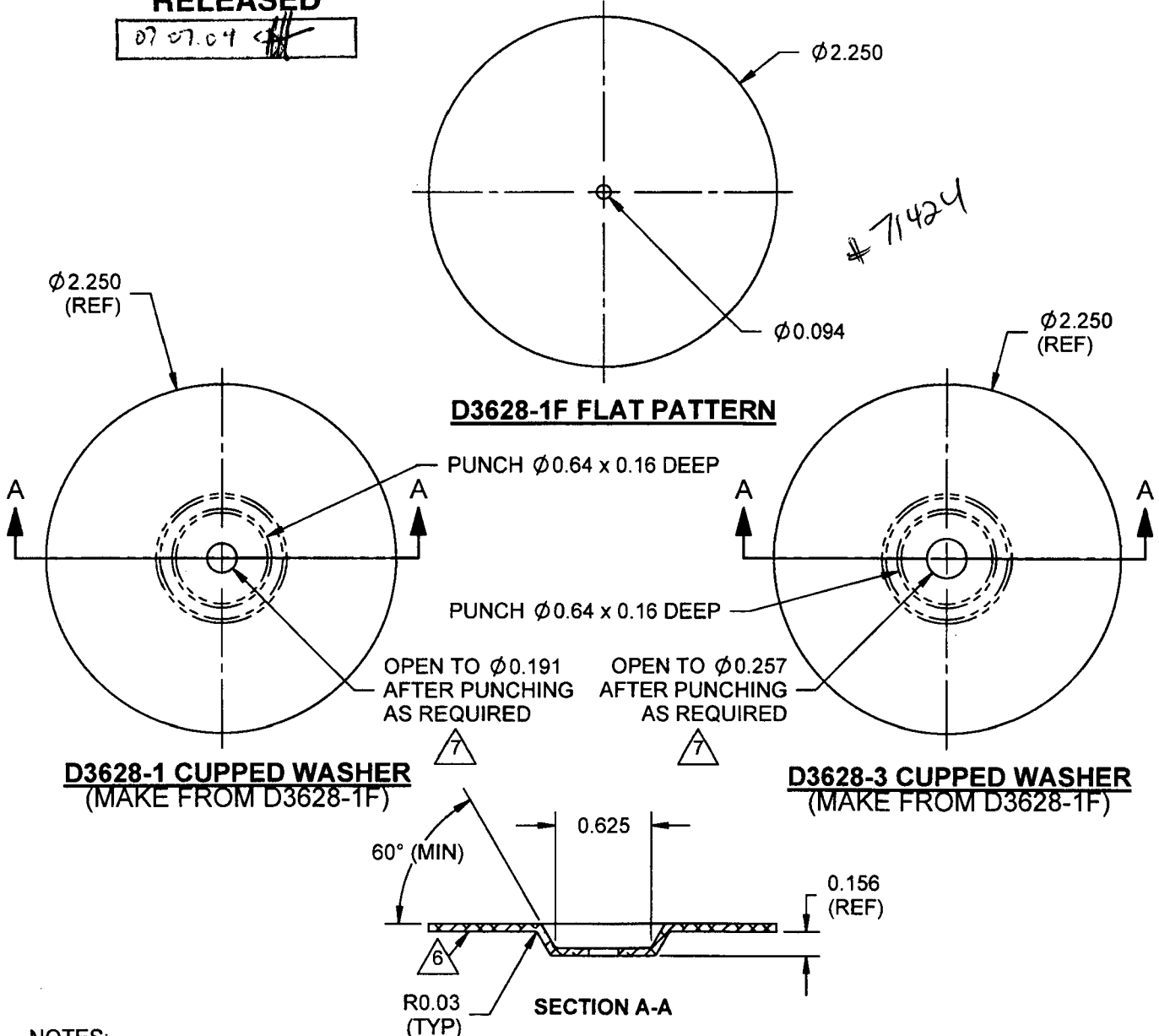
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART

DESIGN <i>CB</i>	DRAWN BY <i>CB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CE</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3628	REV. B SHEET 1 OF 1
DATE 07.07.09		TITLE CUPPED WASHER	
REV	DATE	DESCRIPTION	
A	07.06.08	NEW ISSUE	
B	07.07.09	REMOVE POWDER COAT	

RELEASED07.07.09 *[Signature]***NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 18 GAUGE (0.050 THICK) PER MIL-S-5019 (REF DART SPEC M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX
- 6) IDENTIFY WITH DART P/N "D3628-1/-3" USING FINE POINT PERMANENT INK MARKER ON THE UNDERSIDE OF THE PART AS INDICATED
- 7) WHEN DRILLING OUT THE CENTRE HOLE AFTER PUNCHING, ENSURE THAT THE HOLE IS DRILLED CONCENTRIC TO THE CUPPED AREA, WITHIN 0.03

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO14414**

Purchase Order Date 7/4/2011

PO Print Date 7/4/2011

Page Number 1 of 1

Order From :

VC-GFI001

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

Contact Name

Vendor Phone

514 630 4877

Vendor Fax

514 630 4849

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

6211107109

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3628-1P	CUPPED WASHER	7/25/2011 Yes	500.00 Each	FedEx PI collect	\$2.4160	\$1,208.00

Special Inst: AS PER DWG D3628 REV. B
B71424

PO Total:

\$1,208.00

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 7/4/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO		PAGE
JR	DY	MO - MO	AN	YR	
21	07	11			0466433
					1/1



VENDU À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT / CUSTOMER CODE	N° DE CONTRAT / JOB NO	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO	EXPÉDIÉ PAR / SHIP VIA
DART GFI-0299	0233944	PO14414	

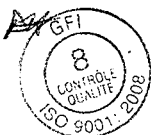
QUANTITÉ / QUANTITY	N° DE PIÈCE / PART NO	DESCRIPTION
---------------------	-----------------------	-------------

500 D36281

CUPPED WASHER

CERTIFICATE OF CONFORMANCE REQ

MFG. JOB# 30221999-001 QTY 40
30233944-001 460



EXPÉDITEUR / SHIPPER

N° DE BON DE LIVRAISON / SHIPPING MEMO NO



REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. <u>7</u>		OUR JOB NO <u>J0233944</u>		SHIPPING MEMO <u>0466433</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME
<u>500 PCS</u>	<u>PO14414</u>	<u>D36281</u>	<u>B</u>	<u>CUPPED WASHER</u>	DWG ISSUE <u>B</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.	
<u>AMS 5513 304 ANN</u>		<u>TW METALS / ALLEGHENY LUDLUM</u>		<u>H/N # 990570 AND 948715</u>	

PROCESS		PROCESSOR	RELEASE NOTE #
1	FIRST ARTICLE INSPECTION REPORT ON FILE	GFI	N/A
2	REF. GFI MANUFACTURING JOB NUMBER J0221999-001 (40 PCS) AND J0233944-001 (460 PCS)	GFI	N/A
3			
4			
5			
6			
7			
8			
9			

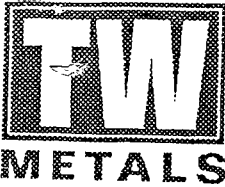
WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 21 JULY 2011

G.F.I. Q.C. REP.

[Signature]





O'Neal High-Performance Metals Group

7640 REINHOLD DR
CINCINNATI
Tel: 800-806-1757
FAX: 5138213825

OH 45237

CERTIFICATE OF COMPLIANCE

Your Order Number: 0078462

Our delivery receipt Number: 03277965

Date: 5/04/11

This is to certify that the material shipped against the above order on the above delivery receipt, consisting of:

Quantity: 63.000 EA

Line Number: 1

Grade: 304 S/S SHEET * AMS 5513 .050

Part #: 51073

Heat Number: 548715

Size: 304 S/S SHEET * AMS 5513 .050

Specification: -

Complies in all respects with the item description.

By: 

Authorized Test Department Clerk

**NOTICE OF SHIPMENT/
PACKING LIST**



CERTIFICATE OF TEST

AL 6168-3 008

CUST. ORD. NO. & DATE 01017596		CUST. CODE 12/07/10 110977	VANDERGRIET, PA.	SHEPPER NO. 482178	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-120-187	DATE SHIPPED 01/17/11
FORMS DISTRIBUTION SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		REPEAT ORDER 82037-5	DO RATE 26	GOVT CONTRACT	SHIPPING LOCATION 1124 VANDERGRIET SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015	INVOICE PA 655157	

GRADE AND SPECIFICATIONS
 ALLEGHENY STAINLESS STEEL TYPE 304-L SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248F) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2008) (ASTM-A-240-10A) (S-1000 DATED 3/2/2010) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B)

ITEM PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS TARE NET	THEO TAG #/ CD SKID #
001	1 36.7.050/2123. P CUST IDENTITY 00636 1 SKID	948715	12170N126	8777838	13385 50 13335	757708
					13385 50 13335	

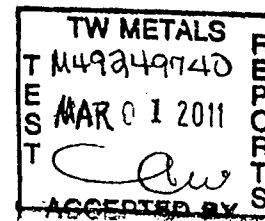
TYPE HEAT/TEST	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 948715	.018	1.66	.035	.001	.43	18.36	8.07	.43	.55	.08
TEST LOCATION	MI	MI	MI	MI	MI	MI	MI	MI	MI	MI
CHECK 8777838	.022	1.66	.034	.0004	.42	18.30	8.03	.43	.54	.07
TEST LOCATION	TC	BN	BN	TC	BN	BN	BN	BN	BN	TC

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS	BEND A 262 PR E	CORROSION	GRAIN SIZE
001 8777838	T 42000.	93000.	73.		80.HRBW	T PASS	PASS	6.
TEST LOCATION	TC	TC	TC		81.HRBW	TC	TC	TC

* Y.S. BY 0.2% OFFSET METHOD

REVIEWED BY Q.C.

Date 1/29/11 By JS



PAGE 01 - CONTINUED ON PAGE 02

CONSIGNEE: Please Note: This shipment was turned over to carrier in first class condition, being properly loaded, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

WARNING: Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy, please call 724-226-6577. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

Les fiches d'information-sécurité de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires, veuillez téléphoner au numéro suivant 724-226-6577. Attention: Les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements, se référer aux fiches d'information-sécurité.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgement.

Tracy McFarland
Director, Corporate Quality Assurance

Description: 304L ANN 048-052 AMS 5511/13
Customer: TW Metals
Shipped: 02/18/2011
Heat: 948715

Size: 36 X 120
P.O.: M49249740
Part#: 51073
Sales #: 0161393
Quantity: 65

UNITED PERFORMANCE METALS
 This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:
 3475 Symmes Road Hamilton, OH 45015

Authorized Signature
 Lynne Harper

**NOTICE OF SHIPMENT/
PACKING LIST**



CERTIFICATE OF TEST

AL 6166-3 908

CUST ORD NO. & DATE 01017596 12/07/10		CUST CODE 110977	ACCEPTING MILL VANDERGRIFT, PA.	SHIPPER NO. 482178	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-120-187	DATE SHIPPED 01/17/11	
FORMS DISTRIBUTION SOLD TO 1 SHIP TO SPEC		REPEAT ORDER 82037-5	DO RATE 126	GOVT CONTRACT	MATL 1124	SHIPPING LOCATION VANDERGRIFT PA	INVOICE 655157	
SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		PRIME DSO 82037-5	SEC. DSO 126	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015				

GRADE AND SPECIFICATIONS
 ALLEGHENY STAINLESS STEEL TYPE 304-L SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248F) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2008) (ASTM-A-240-10A) (S-1000 DATED 3/2/2010) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B)

ITEM TEST NO 001 8777838
CORROSION MELT ISO 3651-2 SOURCE PASS 1.
T-YIELD 1% 49000.
TEST LOCATION TC
METALLOGRAPHIC MAGNIFICATION: 100X **ETCHANT USED:** OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

FLAT NON-WELDED TEST PIECE WAS USED FOR ISO 3651-2 INTERGRANULAR CORROSION TEST. T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES.

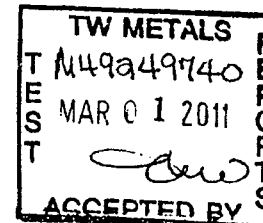
DIN EN 10204:2005 - 3.1 ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO AD 2000 MERKBLATT AND THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

PAGE 02 - CONTINUED ON PAGE 03



CONDITIONS: Please Note: This consignment was turned over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ceased. Your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

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 Customer: TW Metals
 Shipped: 02/18/2011
 Heat: 948715

Size: 36 X 120
 P.O.: M48248740
 Part#: 51073
 Specs #: 01/16/1383
 Quantity: 65

UNITED PERFORMANCE METALS
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 3475 Symmes Road Hamilton, OH 45015

Authorized Signature
 Lynne Rarger

01/17/11 07:52:54

**NOTICE OF SHIPMENT/
PACKING LIST**



CERTIFICATE OF TEST

AL 6156-3 908

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SOLD TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		PRIME SEC. DSO DSO 584	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015					

GRADE AND SPECIFICATIONS
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CARRIER - GROSS, RONALD, INC.

FINAL MECHANICAL TESTING PERFORMED BY WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA. (T7869) GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

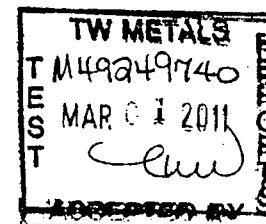
THIS DIN EN 10204:2005 - 3.1 CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI AL HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI AL QUALITY MANUAL REVISION 19 DATED 06/09/2010.

ALLEGHENY LUDLUM WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

C, S BY COMBUSTION/INFRARED
 N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
 MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
 B BY OES
 AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
 PB, BI, AG BY GFAA



PAGE 03 - CONTINUED ON PAGE 04

CONSIGNEE: Please Note - This consignment was turned over to carrier in best class condition, being correctly loaded, at which time our responsibility for loss or damage in shipment ended. For your protection please examine shipment as it arrives. In any shortage or damage is discovered, have a full description made by inspection agent on waybill before signing.

WARNING: Material Safety Data Sheets for this product have been supplied to your Purchasing Department. For an additional copy phone 724-226-6577. CAUTION: Processing that makes fumes, dust, or solutions may cause lung disease. See Material Safety Data Sheets for further information.

WARNING: Les fiches d'information en français de ce produit ont été fournies à votre département chargé des achats. Pour obtenir des exemplaires supplémentaires veuillez téléphoner au numéro suivant 724-226-6577. Attention: Les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information en français.

01/17/11 07:52:54
 The above is a true copy of data on file. This material and test results conform to the sales contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgment.
 Tracy McFarland
 Director, Corporate Quality Assurance

Description: 304L AIN 048-052 AMS 5511/13
 Customer: TW Metals
 Shipped: 02/18/2011
 Heat: 045715

Size: 36 X 120
 P.O.: M49249740
 Part#: 61073
 Sales #: 016161393
 Quantity: 65

UNITED PERFORMANCE METALS
 This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:
 3475 Symmes Road Hamilton, OH 45015

Authorized Signature
 Lynne Harter

NOTICE OF SHIPMENT/
PACKING LIST



CERTIFICATE OF TEST

AL 6168-3 908

CUST ORG NO. & DATE 01017596		CUST. CODE 12/07/10 110977	ACCEPTING MILL VANDERGRIFT, PA.	SHIPPER NO. 482178	PRODUCT CODE 13020102060000	MILL ORDER NUMBER 30-120-187	DATE SHIPPED 01/17/11
FORMS DISTRIBUTION SOLD TO → 1 SHIP TO → SPEC →		REPEAT ORDER 82037-5	GOVT CONTRACT PRIME SEC.	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015	MATL 1124 VANDERGRIFT	SHIPPING LOCATION PA	INVOICE 655157

GRADE AND SPECIFICATIONS
ALLEGHENY STAINLESS STEEL TYPE 304-L SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302 LCS) (AMS 2248F) (AMS 5511H) (AMS 5513J) (AMS 5516P) (ASTM-A-262-10 PRA E/SCREEN PRA A) (ASTM-A-666-10) (S-400 DTD 10/10/2008) (ASTM-A-240-10A) (S-1000 DATED 3/2/2010) (ASME-SA-240 ED 2010) (10/11/10 EXCEPT UPM 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B)

MATERIAL TESTED AT ALLEGHENY LUDLUM GEAE S400 APPROVED FACILITIES (T1225):
NATRONA HEIGHTS TECHNICAL CENTER AND BRACKENRIDGE, PA.

ATI ALLEGHENY LUDLUM HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, AD 2000-MERKBLATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025, GEAE S400, GEAE S-1000. REFER TO WWW.ALLEGHENYLUDLUM.COM TO ACCESS THE CURRENT ATI AL QUALITY CERTIFICATIONS.

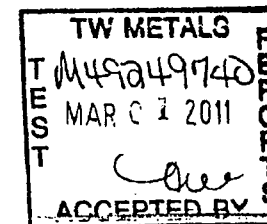
THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:

BN = ATI-ALLEGHENY LUDLUM; 100 RIVER ROAD; BRACKENRIDGE, PA 15014
MI = ATI-ALLEGHENY LUDLUM; 950 TENTH STREET; MIDLAND, PA 15059
TC = ATI-ALLEGHENY LUDLUM; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

FOR ACCESS TO ONLINE CERTIFICATES OF TEST
REGISTER AT WWW.ALCEXTRA.COM



PAGE 04 - FINAL PAGE.

ISSUED BY ALLEGHENY LUDLUM - 01/17/2011 08:20
CARRIE MCFALL - QUALITY ASSURANCE DEPT.

CONSIGNEE Please Note: This consignment was turned over to carrier in first class condition, being carefully loaded, at which time our responsibility for loss or damage in transit ceases. For your protection please unacceptance shipment at arrival. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

Material Safety Data Sheets for this product have been supplied in your Purchasing Department. For an additional copy, please call 724-226-6577. CAUTION: Processing this material may cause lung disease. See Material Safety Data Sheets for further information.

WARNING Les fiches d'information-sécurité de ce produit ont été fournies à votre département d'achat. Pour obtenir des exemplaires supplémentaires, veuillez téléphoner au numéro suivant 724-226-6577. Attention: les traitements entraînant la production de vapeurs, poussières, ou solutions peuvent être cause de maladies pulmonaires. Pour plus de renseignements se référer aux fiches d'information-sécurité.

The above is a true copy of data. The material and test results conform to the latest contract and specification(s) as set forth in Allegheny Ludlum's Order Acknowledgment.
Tracy McFall
Director, Corporate Quality Assurance

Customer: TW Metals
Shipped: 02/18/2011
Heat: 948715
Description: 304L ANN 048-052 AMS 5511/13
P.O.: M9248740
Part#: 51073
Sales #: 01161383
Quantity: 85
UNITED PERFORMANCE METALS
This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following:
3475 Symmes Road Hamilton, OH 45015
Authorized Signature:
Lynne Harber